

# The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVI NO. 13

CAMBRIDGE, MASSACHUSETTS, TUESDAY, MARCH 20, 1956

5 CENTS

## Excomm Discusses Q-Club Motion, New Subcommittee Posts

The newly elected executive committee of the Institute Committee met for its first regular meeting Sunday night in the Faculty Lounge. The issues discussed were a motion which was put forth by the Quadrangle Club and which will be presented at tomorrow's Inscomm meeting advocating and prescribing the groundworks for controlling hazing, along with excomm's recommendations for the appointments of the chairmen of Inscomm's various subcommittees.

The text of the Quadrangle Club motion on hazing which will go before Institute Committee tomorrow, can be found on page three.

The latter item of business was handled by means of personal interviews by excomm with the candidates for the chairmanship along with made by outgoing chairmen. Excomm recommended the following: Secretariat Chairman, Dick Hughes '56; Fincomm Chairman, Jay Hamerness '57; National Students Association MIT Chairman, Ben Chertok '57; International Program Committee Chairman, John Holmfeld '57; Student Committee on Educational Policy Chairman, Bob Batchelder '57; Liaison Council members at large, Lee Fredbenner '57, Jim Chorak '57, and Bob Jordan '58; and Finance Board members at large from the Junior Class, William Hagge and Dick Brandes, and from the Sophomore Class, Amie Amstutz. The last two groups in positions are still open to further recommendations by excomm, along with the chairmanships of Freshman Coordinating Committee and Public Relations Committee.

## Parents Weekend May 5 And 6; Emphasize Student's Personal Life

Preparations for the parents' Week-end to be held on May 5 and 6 are well under way. Formal invitations have been sent to the parents of all sophomores and juniors.

Intended to give mothers and fathers a close and personal view of the MIT community, the Week-end program will emphasize both the scholastic and social environment of the Institute with technical activities of secondary importance.

## Clam Hop Presented By Food Technology

A unique freshman orientation program was presented by the Department of Food Technology last Tuesday evening. The two and one-half hour program consisted of a tour of the Course XX laboratories, a clam chowder party followed by a song fest, and a discussion of the course by Prof. B. E. Proctor, head of the department.

Sponsoring the program was the student chapter of the Samuel K. Prescott Institute of Food Technologists, a national organization.

Sophomores and juniors were in charge of the laboratory tours. Exhibits and demonstrations were given in the rheology packaging, bacteriology, graduate research, processing, radioactive mineral, and flavor laboratories. Of special interest was the minimal laboratory where, using tremendous numbers of mice, the toxicity of irradiated egg products is being tested.

Following the tour of the laboratories, the entire faculty and student body of Course XX joined with the freshmen in a clam chowder feed. The chowder was prepared in the food processing laboratory by Prof. T. R. Nickerson and served by members of the faculty.



Commuter "Tectet," winners of Egbert, in Action

## Weekend Job Show To Be Held; Sarnoff Message Will Be Heard

Students will be able to shop around super-market style for nearly 15,000 technical jobs at the 1956 Career and Job Show March 23-24 in the 71st Regiment Armory, 34th Street and Park Avenue, New York City. Admission is free.

Along with experienced engineers, scientists and skilled technicians they will be in line for the \$75,000-1000 yearly salary package being offered at this unusual placement exposition.

Personnel managers from North American Aviation, Inc., Crucible Steel Company of America, Radio Corporation of America and other leading defense and non-defense industries will be hiring at up to \$12,000 a year and more.

Taking part in opening day festivities will be the director of the Na-

tional Security Training Commission, Dr. Edgar G. Shelton, Jr., who will bring a message from Brig. Gen. David Sarnoff, chairman of the commission.

The Council—a non-profit service organization supported by both Education and industry—is sponsoring the 1956 Career and Job Show as part of a program dedicated to solution of the critical engineer and scientist shortage problem.

"Besides the many job opportunities, career guidance and training information will be available."

Representatives of the companies, trade and technical schools and the New York State Education Department will offer this service.

Additionally, over \$1,000,000 of actual training equipment will be displayed.

Other firms who will be hiring at the show include: International Business Machines Corporation, Hughes Aircraft Company, Northrop Aviation, Inc., Westinghouse Electric Corporation's Atomic Energy Division, Aircsearch Manufacturing Company, Hamilton-Standard Division of United Aircraft, Stavid Engineering, Inc., Stroukoff Aircraft Corporation, Garrett Corporation, Aerojet General Corporation, Remington-Rand, Burroughs Corporation, Combustion Engineering, Inc., and Ramo-Wooldridge Corporation.

## Kroos Wins First In ASME Contest

The American Society of Mechanical Engineers has announced the winners of the annual Paper Contest held during the week of March 12. Robert J. Kroos '56 was awarded the "C. Richard Soderberg Award" of \$50 with his paper "The Omega Engine". He will represent MIT at the Regional Paper Contest to be held at Brown University on April 14 and 15.

The other winners were: Ralph Gelman '56, \$30, Pi Tau Sigma Award; Peter C. Calcaterra '56, and Steve Freedman '56, \$15, ASME Award; Richard Peskin '56 and Tuuri Wirkki '56, \$10, ASME Award.

The awards will be presented to the winners at the Course II Student-Faculty dinner tonight. All Students are invited to attend the Regional Paper Contest to be held at Brown University. If interested please contact Peter C. Calcaterra.

Always in the forefront of undergraduate professional societies at the Institute, the local ASME chapter achieved recent prominence in its connection with the recent and outstanding Conference on Scholastic Enthusiasm.

## Sigma Phi Epsilon Takes "Sing"; Egbert Goes To Commuter Group

An amazing versatility of programming marked the All Tech Sing, held Friday night in the Kresge auditorium, as seven vocal groups participated in the competition for the Sing trophy and "Egbert". The annual event, sponsored by the Baton Society drew a fairly good crowd, as about 350 turned up for the very enjoyable singing exhibition.

The program was opened by the dinner jacket and red carnation clad octet of Beta Theta Pi, followed by the Baker Trio, the "Singing Fijis" of Phi Gamma Delta, and the Burton House glee club with instrumental accompaniment. Intermission did not dampen enthusiasm for singing and showmanship, and was followed by the commuters' "Tectet" and the Sigma Phi Epsilon glee club.

The groups were judged both on musicianship and presentation; 75% to the former, 25% to the latter. Sigma Phi Epsilon, sporting their very fine 35 member Glee Club took the first place award with "Ain't That Good News?" and "Were You There?", Negro spirituals, concluding with an unusual presentation of "Dry Bones" which featured a skeleton performing to the singing. Directors for this near flawless group were: Paul McKeown '59, Paul Repetto '58, and Dave Vahlsing '58.

Runners up were the Beta Theta Pi group.

While the judges contemplated, the audience was well entertained; first by "Tech Showster" Carol Behrens who was joined by Dub Alston in an excellent rendition of "Anything You Can Do I Can Do Better".

Then hypnotist Don Ainsworth took over. And he did take over, in the minds of some fifteen volunteers

from the audience, at least. While under his influence they became baffled by the Windsor knot, and leaped off "red hot" chairs; with one victim, Hoddy Schumacher '57 thought his nose attained a length of several feet, and also fondled an imaginary (but unhousebroken) dog he found on stage.

No mention of the Sing would be complete without "Egbert", this year a monstrous bird of dubious origin. Egbert "flew" in—to the commuters Tectet, for their version of "You Can't Convict The Mother of the Girl I Love."

## Law Entrance Tests To Be Given April 21 At BC Law School

The Law School Admission Test will be given at the Boston College Law School on Saturday, April 21, 1956 and also on Saturday, August 11, 1956. This test is highly recommended since it gives a generally reliable prediction of one's legal aptitude. Students applying for both the day and evening Divisions of the Boston College Law School are strongly urged to take this test.

Applications for the April 21 test must be received at the Educational Testing Service, 20 Nassau Street, Princeton, New Jersey no later than April 11, 1956.

Application blanks and literature concerning this test may be obtained from the Boston College Law School or directly from the Educational Testing Service.

## Intramural Courtmen Down BU; Wind Up Season With 4-0 Record

In the final contest of their short four-game season, the MIT Intramural Basketball All-Stars romped over the Boston University All-Stars 96-72 last Thursday night. It was the fourth win for coach Tom Hoffman's squad.

Dave Larson '58, who led the DU five during the regular season, hit six of his first seven shots and established a lead that was never in danger. In the second half Earl Snyder, sparkplug of Meteorology's championship team, took over the lead and dropped through 12 points to take high honors for the winners with 18. Whelan of BU was high man in the game with 33. Other Beavers in the double figures were Larson with 14, Bill Erman and Joe Leitgeb of Grad House with 12 and 10 respectively, Tom Compatoro '56 of SAE with 12, and Larry Flanagan '57 of Sigma Chi with 10.

Although they held no height advantage, the winners controlled both boards.

The team opened the season with two games against the MIT Junior Varsity squad. In both games the JV's were playing without the services of Marty Goldstein '57. Goldstein had been named Most Valuable Player of the Junior Varsity squad during the regular season.

The first game was by no means close, with the All-Stars running away with a 20-point margin of victory. In the second encounter the score was 59-45 with the Stars again on top. Leitgeb was high for the winners with 22, while Compatoro hit only eight but turned in an excellent floor game.

Following the JV games the team took on a Tufts squad which was rather unorganized. The final score of 65-46 actually did not tell the full story of the game, as the winners coasted all the way. Erman was high man for the winners with 20, followed by Leitgeb with 19 and Compatoro with 12.

## Willy Ley To Speak Here On April Tenth

Willy Ley, internationally known rocket research scientist and writer, has been scheduled by the Lecture Series Committee to speak at the Institute on Tuesday, April 10, in Kresge Auditorium. His topic will be *Artificial Satellites and the Intercontinental Missile*.

The founder of the German Rocket Society, Mr. Ley is a member of the British Planetary Society, the Institute of Aeronautical Sciences, the Pacific Rocket Society, and the American Society of Military Engineers. He is best known for such books and articles as *Rockets and Space Travel*, *The Conquest of Space*, and *Satellite Station*, but he has also written about many aspects of scientific fact and of the history behind scientific research in such works as *The Lungfish and the Unicorn*, *The Days of Creation*, *Engineers' Dream*, and his latest book, *Dragons in Amber*. He has also been a contributing author to roundtable articles in popular journals such as *Life* and *Collier's*.

The presentation of Mr. Ley's lecture will mark another highpoint in the Lecture Series Committee's activities for the term.

# The Tech

VOL. LXXVI Tuesday, March 20, 1956 No. 13

ROBERT H. ROSENBAUM '57 General Manager  
JOHN A. FRIEDMAN '57 Editor  
ROBERT G. BRIDGHAM '57 Managing Editor  
STANLEY SHAPIRO '58 Business Manager  
Entered as second class matter at the post office at Boston, Massachusetts

## Letters

To the Editor of The Tech:

As chairman of the Lecture Series Committee, I have been aware of dissatisfaction among some members of the MIT family about our method of distribution of tickets for the March 20 lecture by Commandant Cousteau. Our problem was to distribute fairly the auditorium's 1239 seats among the 10,000 members of the MIT family.

To be as fair as possible, we obtained population statistics and from them determined the following distribution:

Faculty	170
Graduate Students and Staff	246
Employees	190
Dormitories	212
Fraternities	180
Commuters	141
LSC	50
Guests of Lecturer	50

1239

The auditorium was divided into large sections by their relative desirability. The seats in each of these sections were distributed in the same proportion as the above table. At our booth in building 10, the seats were distributed in order of desirability on a first come first served basis.

In view of the great interest that was shown for this lecture the committee has made arrangements to show Commandant Cousteau's film again at 9:30 Tuesday on a first come first served basis with no admission tickets required.

I hope that the readers of The Tech will sympathize with our problem and realize that we have spent considerable time trying to devise an equitable system.

Pierre-Yves Cathou, Chairman  
Lecture Series Committee

March 17, 1956

## the kibitzer

S-A K 4 3  
H-A K 2  
D-A 10 8 7 5 4  
C-

S-8 5 N S-J 10 9 7  
H-9 8 6 W E H-Q J 4 3  
D- S D-Q 6 3 2  
C-K Q J 10 6 5 4 3 C-7

S-Q 6 2  
H-10 7 5  
D-K J 9  
C-A 9 8 2

The Bidding:

S	W	N	E
P	3C	4C	P
4D	P	4NT	P
5D	P	5NT	P
6D	P	7D	P
P	P		

Opening Lead: King of Clubs.

The following is a slight modification of a hand played at the MIT Bridge Club last Saturday. West's opening bid of 3 clubs was not very successful in discouraging the opposition's making a good contract. North made a perfect bid when he said 4 clubs. South would now respond in diamonds, hearts, or spades and North would know what suit to play the slam in. South was tempted to pass 4 clubs but he couldn't because his partner's bid showed a void in clubs and a so-called power house. He timidly responded 4 diamonds and his over ambitious partner took him to 7 diamonds after the usual finding of one ace and one king by means of Blackwood.

After West's opening lead South decided at once that diamonds must break badly and most of them must be in East's hand due to West's 3 club bid. Hence he ruffed low on board and returned a diamond, East going low and South winning with the nine. South returned to the board with the king of spades and again came through East with another diamond finesse. South now played king of diamonds, returned to the board with king of hearts, and pulled the last trump with the ace, discarding a club on the trick.

Again, due to West's opening pre-empt, the probability of a spade split was slim and declarer decided to squeeze East. He played the 10 of diamonds discarding a club, East discarding a heart. He played the ace of hearts

and then won the next trick with the queen of spades. South now played ace of clubs and East had to give up either the queen of hearts or a spade, either choice making the contract for South.

However, don't bid three card suits unless you are obliged to do so or you may find your cooperative partner taking you to seven and saying "But, partner, you bid the suit." In this hand South had to because North would have been a bit annoyed if his partner passed 4 clubs. By the way, if you held West's hand, would you have had the idea of passing 4 clubs and not rescue North by doubling? Well, good for you.

S-K 10 6  
H-10 9 8 7  
D-A 6 2  
C-K 6 2

S-Q 9 7 2  
H-5 2  
D-5 4  
C-Q J 10 8 7

N  
W E  
S  
S-A 8 3  
H-K Q J 6 4 3  
D-K 7  
C-9 3

The Bidding:

N	E	S	W
P	1D	3H	P
4H	P	P	P

Opening Lead: 5 of Diamonds.

When declarer saw his partner's hand he realized that he had one heart loser, one spade loser, and two club losers, because East having neither the ace nor king of diamonds must have both of the missing aces to open the bidding. Declarer realized that the only possible way to make the hand was a double end-play.

He took the opening diamond in his hand and led back a diamond to the ace, the chance of West ruffing being very small. He led back the dummy's last diamond and ruffed high, West discarding a club. South now led a heart producing the first end-play. East had to return a spade at this point and chose a low one forcing his partner's queen. Declarer took with the king on board and played two hearts, West discarding clubs and East giving up his diamonds. At this time declarer produced the second end-play. South hoped, and the odds were in his favor, that the spade honors were split. Hence he cashed the ace of spades and threw East in with the jack of spades. Now declarer was assured of the contract. A diamond return gives him a sluff and a ruff, a club return sets up his king for the tenth trick.

Notice that if East held two hearts declarer would not have made his contract, South having to take the losing club finesse. Many players will object to South's 3 heart bid. It is true that South has an opening bid that he has no defensive value and since he is going to bid 3 hearts eventually he might as well not let the opponents get too much information.

-Gilbert J. Weil '56

## standing room only

"One Day More" by Joseph Conrad  
"La Ronde"—three scenes—by Arthur Schnitzler  
Produced by Dramashop  
March 16, 1956

The heavy snowstorm that hit Boston and Cambridge last Friday night did not halt the Dramashop's production, the third in its series of one-act plays that Dramashop has sponsored this year. However, the storm did prevent this reviewer from arriving in time to see the first play. But the second play, selected scenes from "La Ronde", was viewed and this review deals exclusively with this play.

The whole of "La Ronde" has a great many scenes in which there are never more than two characters except for the last scene. It is a light comedy based primarily on the sexual romping of its characters. In the three scenes played the characters used were the Poet, the Actress, the Count, the Prostitute and the Chambermaid. The scenes chosen were the last three from the play, and therefore continuous. The idea of "La Ronde" cannot be fully appreciated with only three scenes, since all the scenes depend on the one before as a new character is introduced each scene. In the whole play, the first scene has as its characters the Soldier and the Prostitute—and thus completing the cycle of characters. The performance of the Dramashop was good but the selection was a poor one, unless it was to be played to an audience who had read the entire play before. The Actress, played by Betty Martin, was played to perfection. Her acting carried the two scenes she played, overshadowing the just average acting of the other actors. All in all it was a good performance but could have been better with a different selection.

Tryouts for the Dramashop spring production, "The Father" by August Strindberg and Anton Chekov's farce "The Jubilee" as a curtain-raiser, will be held Monday through Wednesday, March 19-21, at 7:30 in the Little Theatre, Kresge Auditorium.

-Charles Spangler '59

# Calendar Of Events

## WEDNESDAY, MARCH 21

Operations Research Seminar. "Inventory Models." Mr. Eliezer Nador, Case Institute of Technology. ROOM 2-132, 3:00 p.m.  
Civil and Sanitary Engineering Department. Hydromechanics Seminar: "The Cavitation Symposium at NPL, Teddington, England, 1955." Professor James W. Daily, Civil and Sanitary Engineering Department. Refreshments in Room 48-208 at 3:45 p.m. ROOM 48-208, 4:00 p.m.  
Department of Business and Engineering Administration. Freshman Smoker and Informal Discussion. ROOM 52-461, 4:30-6:00 p.m.  
Mathematics Department. Colloquium: "Topology and Economics." Professor Gerard Debreu, Yale University. Tea in Room 2-290 at 4:00 p.m. ROOM 2-390, 4:30 p.m.  
Alpha Phi Omega. Chapter Meeting. Nominations. BURTON HOUSE RADIO ROOM, 7:30 p.m.  
Astronomical Society of MIT. Lecture: "Amateur Telescope Making." Mr. Chester Cook, Harvard College Observatory. ROOM 5-217, 8:00 p.m.

## THURSDAY, MARCH 22

Soil Stabilization Laboratory. Seminar: "Mechanisms of Stabilization with Additives." Professor Alan S. Michaels, Chemical Engineering Department. This is the second in a series of six seminars on soil stabilization. ROOM 3-370, 12:00 NOON  
Geology and Geophysics Department. Freshman Open House and Departmental Tours. ROOM 24-321, 4:00-6:00 p.m.  
Biology Department—Biochemistry Division. Colloquium: "Enzymatic Synthesis of Fructosides." Professor Shlomo Hestrin, Hebrew University, Jerusalem. Tea in Room 16-711 at 4:30 p.m. ROOM 16-310, 5:00 p.m.  
Lecture Series Committee. Film: "Les Miserables." Admission: 30 cents. ROOM 10-250, 5:30, 7:30 and 9:30 p.m.  
Architecture and City Planning Department. Lecture: "Eastwick, Philadelphia, Redevelopment Area." Mr. Henry S. Churchill, Architect-Planner from Philadelphia. ROOM 7-437, 8:00 p.m.  
Aeronautical Engineering Department. The First Minta Martin Lecture: "The Aerodynamics of Aircraft Engines." Dr. William R. Hawthorne, Hunsaker Professor of Aeronautics. For tickets apply to the Department of Aeronautical Engineering, Room 33-213, Ext. 2265. LITTLE THEATRE, KRESGE AUDITORIUM, 8:30 p.m.

## FRIDAY, MARCH 23

Mechanical Engineering Department. Seminar: "A New Mechanic Electric Transducer." Professor Kurt S. Lion, Biology Department. Coffee in Room 3-174 from 3:00-3:30 p.m. ROOM 3-270, 3:30 p.m.  
Monday, March 26 through Sunday, April 1  
Spring Vacation.

## EXHIBITS

The following exhibits are on display in the North Corridor Cases of the Charles Hayden Memorial Library through March 24: "Architecture of the Renaissance in England," "The Boston Symphony—75 Years," and "Some Scientific Centenaries—1956." A photo-mural exhibit on "England and the Italian Renaissance," compiled by MIT's Museum Committee and departments of Architecture and Humanities, will be shown in the New Gallery of the Charles Hayden Memorial Library through March 25. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.  
A "One-Man Show" of Photographic Salon prints by Edward L. Bafford of Towson, Maryland, will be on display in Photo Service Gallery, Corridor of Building 3-Q17, through March 25.

## MIT DEBATE SOCIETY

The MIT Debate Society will sponsor a Regional Debate Tournament from Thursday, March 22, through Saturday, March 24. Headquarters will be in Hayden Library Lounge.

## MIT ON WGBH-TV, CHANNEL 2

Man, Ideas and Technology. The Airplane: "How Does It Fly?"—Explaining high-speed flight and the sonic boom. Host: Professor Walter McKay, MIT Aeronautical Engineering Department. Guests: Professors Holt Ashley and Robert L. Halfman, MIT Aeronautical Engineering Department. WEDNESDAY, MARCH 21, 8:00-8:30 p.m. MIT Science Reporter. Dr. John O. Outwater, Jr., MIT Industrial Liaison Officer. THURSDAY, MARCH 22, 6:45-7:15 p.m.  
Weather For You. Professor Morton G. Wurtele, MIT Meteorology Department. FRIDAY, MARCH 23, 7:15-7:30 p.m.  
Man, Ideas and Technology. "The Airplane Structure—Lightness with Safety"—How the airplane is built to combine strength and lightness; prediction of the nature of future aircraft structures. Host: Professor Walter McKay, MIT Aeronautical Engineering Department. Guests: Professors Raymond L. Bisplinghoff and James W. Mar, MIT Aeronautical Engineering Department. WEDNESDAY, MARCH 28, 8:00-8:30 p.m.

## RELIGIOUS SERVICES IN THE CHAPEL

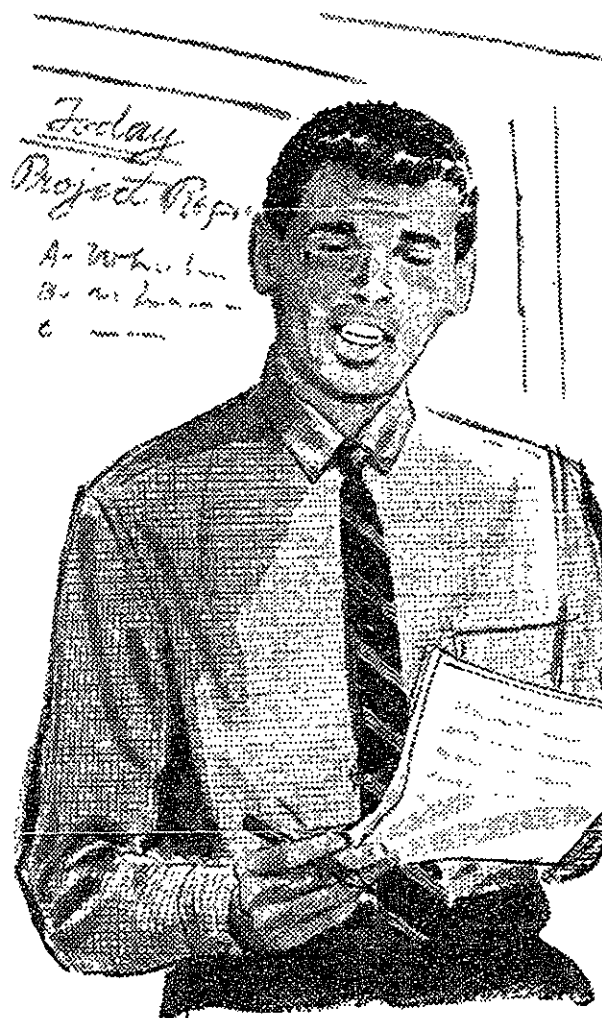
Daily Services (except weekends):  
ROMAN CATHOLIC MASS 7:55 a.m.  
Daily Compline Prayer at 10:15 p.m.  
Sunday Mass at 10:00 a.m.  
MORNING CHAPEL SERVICE (March 21-23) 8:35 a.m.  
(United Christian Council)  
March 21 and 22  
The Reverend Henry Horn, Minister, University Lutheran Church, Cambridge.  
March 23  
Mr. Robert W. Dobbins, Class of 1957.  
Weekly Services (March 21 and 22):  
EPISCOPAL HOLY COMMUNION Wednesday from 5:10-6:00 p.m.  
EASTERN ORTHODOX CHRISTIAN EVENING WORSHIP Thursday from 5:10-5:30 p.m.  
The Chapel is open for private meditation from 7:00 a.m. to 11:00 p.m. every day.

## CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute's mails each Wednesday, with announcements for the following eight days. Notices should be in the editor's office, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of March 28 through April 4 is due March 22.



Make Your Selection of  
**ARROW**  
SHIRTS, UNDERWEAR, TIES and HANDKERCHIEFS  
AT THE  
**TECHNOLOGY STORE**



Check this new collar style  
— the **ARROW Glen**

Here's a broadcloth shirt with features that please the college man with an eye for style. The collar, (button-down, of course), is a shorter, neater-looking model. The fine broadcloth cools you throughout the warm days ahead. The trim checks are available in 7 color combinations, including blue, tan and grey. \$5.00.

And, an Arrow repp always sets off an Arrow shirt just right. Tie, \$2.50.

**ARROW**  
—first in fashion  
SHIRTS • TIES • SLACKS

**Text Of The Quadrangle Club Motion On Hazing**

Recognizing and firmly believing that Freshman-Sophomore rivalry, encouraged by hazing, most effectively develops class and MIT spirit by: stimulating the organizing of the Freshman class; encouraging individuals to form new social friendships; introducing Freshmen to and encouraging participation in other cam-

pus activities; develop maturity through intelligent assumption of responsibility; and encourage ingenuity complementary rather than detrimental to the Institute curriculum, we, the undersigned, urge support of the following motion in order to minimize the dangers involved, but to maintain the advantages by a new system of controlled hazing:

Moved: That hazing during Freshman-Sophomore rivalry be the specific concern of a hazing subcommittee of the Institute Committee:

- a) the chairman to be elected by the Institute Committee.
- b) the members to be appointed by the chairman, with the approval of the Institute Committee, necessarily including the chairman of the Judicial Committee.
- c) the hazing subcommittee shall define all acceptable forms of hazing (not previously banned) to be undertaken by organizations specified below. These organizations shall be responsible for any activity they authorize. The subcommittee shall have the power to recommend that these organizations be dissolved.
- d) all unauthorized hazing shall be prohibited and subject to considerations as in (c). (Unauthorized hazing is defined as any hazing activity not sanctioned by those organizations specified below).

e) the purple shaft presentations and glove fight tactics shall be presented to this subcommittee for approval.

That the specified organizations authorized to initiate hazing activities and to be responsible for these activities are designated as follows:

- a) The Freshman Council is to be the organization representing the Freshman Class and is responsible for its hazing activities. At a general assembly during Freshman Week-end, controlled hazing will be explained by the above mentioned subcommittee with emphasis on the illegality of spontaneous and unauthorized hazing.
- b) For the Sophomore Class a hazing committee will be established in each of the living groups—Baker, Burton, East Campus, fraternities, and commuters. There will be a member from each hall or house or as otherwise prescribed by the hazing subcommittee of Institute Committee. Two members, elected from each hazing committee, will comprise the Sophomore Liaison Council which will attend all meetings of the Quadrangle Club, while the Quadrangle Club has over-all responsibility for Sophomore hazing activities, the individual hazing activities within their own living group.

**G. L. FROST CO., INC.**

AUTOMOBILE BODY REPAIRING & REFINISHING  
E. W. PERKINS  
Tel. ELiot 4-9100  
31 LANSLOWNE STREET  
CAMBRIDGE, MASS.

**ETON'S MEN'S SHOPS**

5 Convenient Arrow Locations

104 BOYLSTON ST.  
(Colonial Theatre Bldg.)  
COOLIDGE CORNER  
(Brookline)

NORTH STATION  
(B & M Railroad)

HOTEL STATLER  
(Park Square)  
279 WASHINGTON ST.  
(near School St.)

**ENGINEERS,**

**SCIENTISTS,**

**PHYSICISTS,**

**APPLIED**

**MATHEMATICIANS**

**important on-campus  
interviews soon!**

North American Representatives  
Will Be Here April 3, 4, 5

You'll learn first hand about the advantages and opportunities in choosing a career with a future at North American. Here engineers and scientists are now discovering new frontiers in four exciting new fields.

**AUTONETICS**

A Division of North American Aviation, Inc.

In the field of ELECTRO-MECHANICAL ENGINEERING—producing new missile guidance systems, fire and flight control systems, computers and recorders.

**ROCKETDYNE**

A Division of North American Aviation, Inc.

In the field of ROCKET PROPULSION—the largest producer of large liquid-propellant rocket engines, more powerful propellants and turbines.

**ATOMICS INTERNATIONAL**

A Division of North American Aviation, Inc.

Peaceful application of ATOMIC ENERGY in any phase of reactor development, either for research or power production.

**MISSILE DEVELOPMENT ENGINEERING**

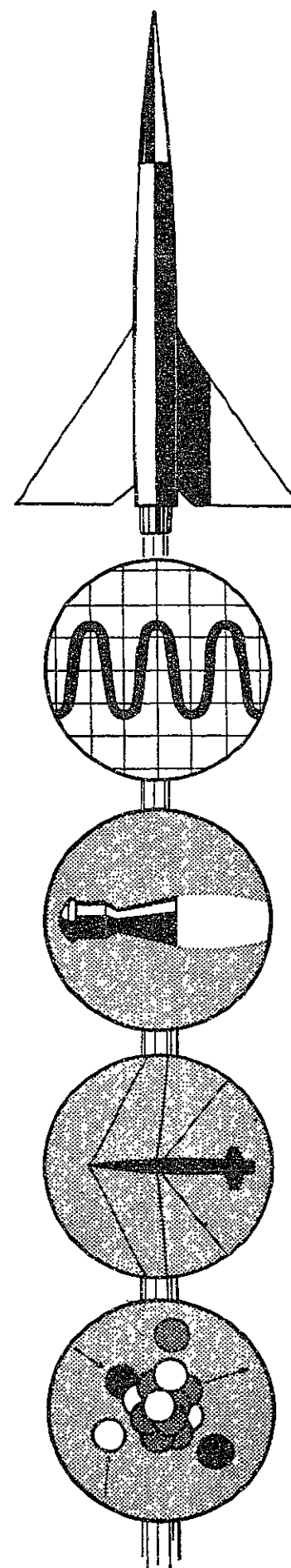
Engineering and developing Long-Range MISSILES—Intercontinental MISSILES... flying at hypersonic speeds.

Contact your placement office today. Make an appointment to see North American representative, Mr. R. W. Hauk on April 3, 4, 5.

Or, write Engineering Personnel Director, Dept. 991-20 Col., North American Aviation, Inc., Downey, California.

ENGINEERING AHEAD FOR A BETTER TOMORROW

**NORTH AMERICAN AVIATION, INC.**



add Spice to your life!



**Old Spice**  
SMOOTH SHAVE

Shaving at its best! OLD SPICE SMOOTH SHAVE in the pressurized container... gives a rich, velvety lather... remains firm and moist throughout your shave. And a unique, lubricating formula soothes your skin. For top performance and speed—make your next shave OLD SPICE SMOOTH SHAVE.

100

SHULTON New York • Toronto

## notices

### THE SILENT WORLD

The Lecture Series Committee announces that there will be a second showing of the motion picture "The Silent World" at 9:30 this evening in Kresge Auditorium. Admission is open to the public and no tickets are required.

### AIEE-IRE PAPER CONTEST

The MIT Student Branch of the AIEE-IRE is holding a paper contest on April 5, for Electrical Engineering students.

### DRAMASHOP

In the Little Theatre tonight and tomorrow night, from 7:30 to 10:00, Dramashop will hold tryouts for its major spring production. The readings will be entirely open, and all students are eligible to participate.

### USED TEXT BOOKS BOUGHT and SOLD HARVARD BOOK STORE

Used and New Books of All Kinds  
1248 Mass. Ave. Cambridge  
TR 6-9069



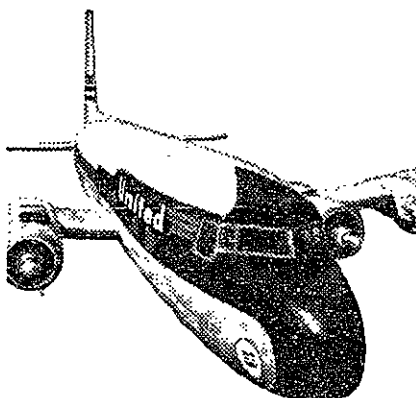
**HEAD FOR  
HILTON & STATLER HOTELS**  
offering  
**SPECIAL STUDENT RATES**  
in Buffalo, Boston, Hartford,  
New York and Washington

## IMPORTANT NOTICE

The Lecture Series Committee wishes to caution all holders of reserved seat tickets for the Cousteau lecture that these tickets will not be honored at the door after 7:15 tonight. After this time, all remaining seats will be filled on a first come first served basis.

Save Holiday Time...  
Save Holiday Money...

## FLY UNITED AIR COACH!



Bound for a resort? Bound for home? United Air Coach can save precious vacation time... even as much as days! The low, low fares will surprise you, and roomy 2-abreast seating means comfort all the way. Check the savings in time and money at your United ticket office or your travel agent!



## FORMAL WEAR FOR HIRE

Complete Selection of Formal Wear for any occasion. All outfits of Top Quality in the latest styles.

Open Monday night till 8:30 p.m.

## CROSTON & CARR

Gentlemen's Clothiers  
72 SUMMER STREET, BOSTON  
HA 6-3789

## Three Wonderful Restaurants

BEST KNOWN IS

39 NEWBURY STREET

at 39 Newbury Street, next to Traynor's  
**THE ENGLISH ROOM**

at 29 Newbury Street, next to Emmanuel Church

AND THE NEW ONE AT

260 BERKELEY STREET

corner of Commonwealth Avenue known as  
The Frank and Marion Lewless

Wonderful home made Bread like your Grandmother made and delicious dishes. They are all owned and operated by Frank and Marion Lewless, who have the Carriage House on Cape Cod in North Falmouth

OPEN SUNDAYS

## TECHNIQUE OPTION SALE

THIS IS YOUR LAST OPPORTUNITY TO PURCHASE  
OPTIONS FOR TECHNIQUE 1956.

Technique includes a Faculty Section, Senior Portraits and  
Biographies, four pages in Full Color.

Booth open through Friday in

**BUILDING 10**

## DESIGNED FOR SCORING!

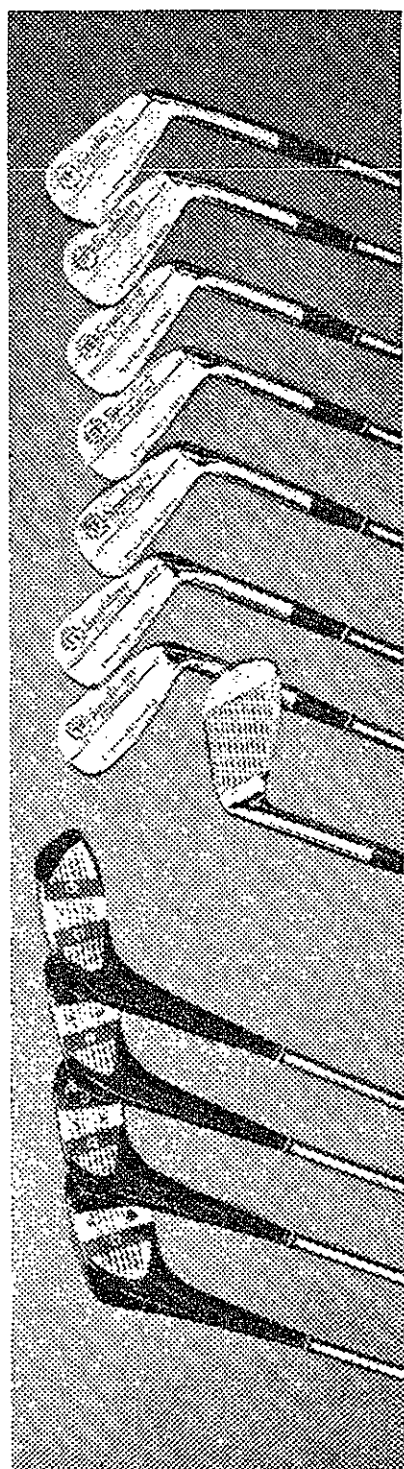
THESE 1956 Registered Spalding TOP-FLITES® are the sweetest-playing clubs in the book. Plenty of golfers are lowering their handicaps with them.

The secret? They're SYNCHRO-DYNED® Clubs — scientifically and exactly coordinated to swing and feel alike.

What's more, these beauties will stay handsome and new looking. The irons feature a new and exclusive tough alloy steel with high-polish finish that will last and last.

**P. S.** The new Spalding PAR-FLITES®, also fine-quality clubs, are offered at a popular price. The irons also feature Spalding's new tough alloy steel heads with high-polish finish. Like the TOP-FLITES, they're sold through Golf Professionals only.

**SPALDING**  
sets the pace in sports



## NOW- SPERRY ENGINEERS

project a proud past  
into a new realm of  
ENGINEERING OPPORTUNITY  
FOR YOU!

## THE MISSILES SYSTEMS DIVISION

Drawing on a 50-year history of engineering accomplishment, Sperry now adds a Missiles Systems Division to its ever-expanding organization.

"First," of course, are an old story with Sperry engineers. From the installation of the first gyro-compass aboard a Navy warship, back in 1911, to a myriad of electronic wonders today, Sperry has been busy marking milestones of progress. And Sperry Engineers are eminently qualified to embark on their newest project. Their vast experience with missiles and associated systems make them intimately acquainted in this field. As a matter of record, way back in 1918 Sperry engineers successfully developed the first radio-controlled "guided missile."

What all this means to engineers in search of a rewarding life work should be clear. In Sperry's new Missiles Systems Division, major opportunities are unfolding. Not only can you now tap the tremendous potential in the field of missiles and pilotless air-borne devices, but you can do so from the well-established base of a stable organization. Over 1500 employees have been employed by Sperry for more than 15 years. And, as Sperry grows, you will grow... in professional stature and in personal gain.

Consider These Exceptional Openings For Engineers in the Following Fields:

- Feed Back Control Systems
- Magnetic Amplifier Circuitry
- Radar Systems
- Stable Platforms
- Aerodynamics
- Systems Analysis
- Environmental Test
- Reliability

RELOCATION ALLOWANCES • LIBERAL EMPLOYEE BENEFITS  
AMPLE HOUSING in Beautiful Suburban Country Type Area  
TUITION REFUND PROGRAM (9 graduate schools in area of plant)  
MODERN PLANT with Latest Technical Facilities  
ASSOCIATION WITH OUTSTANDING PROFESSIONAL PERSONNEL

### APPLY IN PERSON

Daily (Including Sat.). Also Wed. Eves.

### OR SUBMIT RESUME

to Mr. J. W. Dwyer

Engineering Employment Supervisor

### OR PHONE FOR APPOINTMENT

Fieldstone 7-3600, Ext. 2605 or 8238

**SPERRY**

**GYROSCOPE COMPANY**

Division of Sperry Rand Corp.

GREAT NECK, LONG ISLAND, NEW YORK